

## DEFENSE NUCLEAR FACILITIES SAFETY BOARD

### Board Public Meeting Agenda

This public meeting and hearing of the Defense Nuclear Facilities Safety Board (Board) concerns safety-related aspects of the Department of Energy's design of the Waste Treatment and Immobilization Plant Project at the Hanford Site. The Board will consider safety-related design topics of the Pretreatment Facility in the areas of pulse jet mixing, delivery of feed from the High Level Waste Tank Farms, formulation of the Pretreatment Facility safety basis, and hydrogen control. The Board's primary focus is the sufficiency of the Pretreatment Facility safety design strategy required to protect the public, collocated workers, and facility workers from accidental release of radioactive and hazardous materials.

October 7, 2010

#### **Mixing**

9:00 am	Opening Remarks	Chairman Winokur and Board Members
	Board's Staff Testimony—Pulse Jet Mixing	Board's Staff
	Pretreatment Facility Mixing <ul style="list-style-type: none"><li>• Impact on safety</li><li>• Impact on operation</li><li>• Impact on waste acceptance</li><li>• Impact on criticality safety</li></ul>	Panel Members
	Feed Preparation and Supplemental Treatment	

12:30 – 1:00      Public Statements

1:00 pm                      **Recess**

**Pretreatment  
Facility Safety**

5:00 pm	Opening Remarks	Chairman Winokur and Board Members
	Board's Staff Testimony—Pretreatment Facility Safety	Board's Staff
	Pretreatment Facility Safety <ul style="list-style-type: none"><li>• Safety-related systems, structures, and components</li><li>• Design complexity</li><li>• Pretreatment facility operation</li></ul>	Panel Members
8:30 – 9:00	Public Statements	
9:00 pm	<u><b>Recess</b></u>	

October 8, 2010  
**Hydrogen in Pipes and  
Ancillary Vessels**

8:00 am	Opening Remarks	Chairman Winokur and Board Members
8:15 – 8:30	Board's Staff Testimony—Hydrogen in Pipes and Ancillary Vessels	Board's Staff
	Hydrogen in Pipes and Ancillary Vessels (HPAV) <ul style="list-style-type: none"><li>• Design</li><li>• Safety</li><li>• Testing</li><li>• Quantitative risk analysis</li></ul>	Panel Members
11:30 – 12:00	Public Statements	
12:00 pm	<b><u>Adjourn</u></b>	